

III. Amendments to The Claims

Claims 1-5 are Cancelled.

6. (Currently Amended) A sensing device attached at a pre-determined distance from a substrate comprising;

a first layer of ~~a compliant~~ adhesive attached to the substrate and having a pre-determined thickness;

a sensor mounted to said first layer of ~~said compliant~~ adhesive;

a second layer of ~~said compliant~~ adhesive disposed between said sensor and said first layer of ~~said compliant~~ adhesive to secure said sensor to said first layer of ~~said compliant~~ adhesive.

7. (Currently Amended) The sensing device of claim 6 wherein said first layer and said second layer of ~~said compliant~~ adhesive each have a thickness, said thickness of said second layer being less than said thickness of said first layer.

8. (Currently Amended) The sensing device of claim 7 wherein said ~~compliant~~ adhesive is a gasoline- resistant, silicon-based adhesive.

9. (Original) The sensing device of claim 8 wherein said sensor is a fuel tank pressure transducer mountable to the interior of a vehicle gasoline tank that senses vapor pressure within the gas tank.